



MAPS (MULTIPLE ADDRESS PROCESSING SYSTEM)

Developed and produced by the Communications Division — Elgin National Watch Co., this high speed teletype routing system is capable of segregating and routing messages to 20 reperforator stations simultaneously. At present the system recognizes and processes 96 different 8-character addresses, working at a paper tape input speed of 850 words per minute. Reperforator stations can operate at up to 1,100 words per minute. These stations have malfunction indicators and automatically report their operating status to the main console. A malfunction at one of the stations will cause the message to be routed to an interceptor position. Illegal

or incorrect messages are also routed to this position. MAPS flexibility allows address and codes to be patched. An address can be easily altered by changing a pin board.

The design concept of the MAPS system lends itself to easy modification, making its use economically practical in a wide range of military, industrial and commercial applications. Some of the more highly feasible applications would be: news services; stock exchanges; transportation centers; trucking and similar mass message handling centers.

Detailed information for specific areas of application available upon request.

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